

ABSTRACT

A liquid crystal display comprising an upper substrate having the inner surface on which an upper electrode and an upper grating film having surface undulation are laminated; a lower substrate having the inner surface on which a lower electrode and a lower grating film having surface undulation are laminated, the said inner surface of the
5 lower substrate being located facing the inner surface of the upper substrate; and the liquid crystal having dielectric anisotropy which is sealed in the space between the upper substrate and the lower substrate is presented. The liquid crystal display may accomplish wide viewing angles and high contrast ratio.